

- 8) People have lived along this coast for hundreds of years. If you lived here, name some foods you could grow or catch to eat:

How would you travel if there were no cars or roads?

- 9) _____ is the name of the volcano goddess of Hawai'i. In the Hawaiian language, this word is also the name for hot moving lava.



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11/07

Congratulations

You are now a
Hawai'i Volcanoes National Park

Junior Ranger Lava Learner



Ranger's Name

Date

Hawai'i Volcanoes National Park Junior Ranger



Lava Learner



1) The volcano you are standing on is erupting!

What is its name? _____
In Hawaiian, this name means “spewing” or “much spreading”
What’s the name of the place (volcanic vent) where lava is coming out? _____

2) What can you see now that shows an eruption is happening?

Can you see any gas or smoke?

If you need help on this or other questions, ask the rangers.

Can you see any red hot lava right now? _____

Can people see it at night? _____

Can people hike to see hot lava? _____

If yes, how far away is hot lava today? _____

3) How can you prepare for a safe hike over rough lava rocks?

4) The lava rocks at the end of the road were red hot in April 2003.

What date were you born? _____

Are you older (or younger) are those rocks? _____

How many years? _____

5) Name the two main kinds of Hawaiian lava rocks:



_____ and _____
Circle the kind you see at the end of the road.

6) Hawai'i Island is a young island. Several volcanoes have grown from the floor of the ocean to form this one island. The newest Hawaiian volcano is still 1000 meters/3000 feet below the sea.

What is its name? _____

7) Vog and Laze from Kīlauea Volcano

Volcanic gases from Kīlauea make a kind of air pollution called “vog” (volcanic smog). Stars on the maps below show the three main places gas comes out—the summit (top) of the volcano, the volcanic vent and places where hot lava goes into the sea, making acid steam clouds called “laze.”



This map shows where volcanic gases go when **trade winds** blow across the island from the northeast.



Which way is the wind blowing now? Draw 3 lines on this map to show wind direction. Start your lines from the three stars on the map. Most volcanic gas comes from these places.

Are you in vog or laze right now? _____

What can people do to breathe less vog?

